

# Allen County HamNews

Fort Wayne Radio Club

Allen County Amateur Radio Technical Society

December 2003

Volume 4 Issue 12

## Fort Wayne Radio Club Christmas Party

It's that time of year again, to talk about the Christmas party. I don't know about you, but it seems like we just did this. Anyway, the Christmas party is Friday, December 12, 6:30 p.m. at Good Shepherd United Methodist Church. It will be a total carry-in again, but the club will provide place settings, coffee and punch. It is just a sneaky way to get to taste other people's cooking, and we do have some really good cooks in our club. There will also be a gift exchange for those who wish to participate. Please mark the gifts it is for a man or a woman and please sign your name to the gift so we know whom to thank. The entertainment this year will again be our vice president, Jim, acting as our D.J. with plenty of Christmas music. Looking forward to seeing you all there.

Carole, WB9RUS



## ACARTS Christmas Party

The December program will be our Christmas party. I am writing this early so you can make plans. The December newsletter comes out a few days before the party which will not be enough time. Once again for the program, we will have a white elephant gift exchange. If you wish to participate, bring a wrapped, gender neutral gift. I can be something real or a gag gift. The way a white elephant works is like this.

We draw a name or number to select who picks a gift. That person opens the gift and shows it to everyone. That person then draws the next name. The person then can pick a new gift, or take what has been selected. The person who has their gift taken, gets to pick a gift next. This goes on until all gifts have been picked. It is a lot of fun, and can get very interesting, as some gifts change hands several times. The party is on December 13, and starts at 6:00 PM. We will eat around 6:30 PM. The club will provide the meat and drinks. Please bring your favorite dish to share with everyone. Send me a e-mail or call my number and leave a message if you plan to attend.

73,  
Vic, KA9LTV

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Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN) and the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN).

Please send any articles, corrections, for sale notices, etc. to the editor, Victor Guess, WB9UZA, wb9uza@arrl.net. Please put "for newsletter" in the subject line. Text should be plain ASCII, graphics should be JPEG or GIF. For those computer impaired: snail mail to 3311 Sanibel Drive, Fort Wayne, IN, 46815-4755.

**Deadline for January issue is 1/2/04.**

**Please do NOT send anything in all caps!!**

### Internet Home Pages:

**Fort Wayne Radio Club:**

<http://www.fortwayneradioclub.org>

**ACARTS:**

<http://www.acarts.com>

**Ft Wayne DX Association:**

<http://www.qsl.net/fwdxa/>

# Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

## Officers

### President:

Tom Baker  
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## President's Corner



The Fort Wayne Hamfest is now over for another year. I do want to thank everyone that helped at the FWRC table at the Hamfest. I also want to thank the FWRC members that helped with the forums this year: Carole, WB9RUS, on the YLRL; Carl, N9NRO, on Foxhunting; Jim, K9OMA, on ATV; and Jim, KB9WWM, on PSK31.

I also want to thank John Olry from Norfolk Southern for his presentation on Operation Lifesaver at the FWRC November general meeting. We had a good turn out and a very good meeting.

This will be my final newsletter input for 2003. So I am compelled to look back over the year and evaluate what kind of year it was for the Fort Wayne Radio Club. At times it is difficult to see the forest for the trees. We get so busy with the activities that we may fail to evaluate our success.

We started the year with our annual auction, which always brings a good turn out and a good time. FWRC hosted the February Skywarn training to a packed house. That is always a fun meeting.

We attempted our first ever Nelson's Chicken fundraiser. The weather was less than ideal the day of the sale. But the requests for chicken kept coming in after the sale and we were able to use some of the leftover chicken at Field Day. In the end we did make money on the chicken and plan on doing even better next year.

Speaking of Field Day, at first I was not sure how it went because I knew our score was down from last year. But obviously every else's score was down as well. In the final analysis we were 1st in 4A in Indiana, 1st in 4A in the Midwest division; and 19th in 4A nationwide. Even more important I have had quite a few people contact me to say that Field Day was the first opportunity they had on HF and it was the best experience they had in Amateur Radio all year! It can't get more successful than that!

Our annual August Tailgate Hamfest was a success drawing over 60 people on a less than ideal night. We had a great weekend with the Boy Scouts at their camp for JOTA weekend as well. And all year we had interesting and informative amateur radio related programs at the general meetings. We did have a great year and I believe we will have another one next year.

Two more items before I close for 2003. Please take time to cut the renewal form out of the back of the newsletter, fill it out, and send your 2004 dues into the club before you forget.

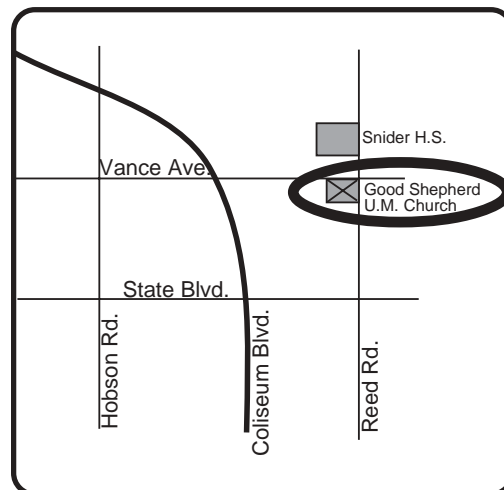
Finally I want to thank the FWRC board for 2003. This is a group effort and we have a great group. They are all listed in the left margin of this page. Send them all a thank you note.

73s, Merry Christmas and a Happy New Year,

Tom / N9TB

## December Meeting:

Fri, Dec. 12, 2003, 6:30 PM  
Program: Christmas Banquet





**Fort Wayne Radio Club  
Minutes  
21 November 2003**

The November 2003 meeting of the Fort Wayne Radio Club was held at the Good Shepherd United Methodist Church with President Tom Baker as the host. There were about 19 persons present.

**OLD BUSINESS:**

The minutes from the October meeting were read and there were no corrections.

Treasurer Bob Streeter provided a status of club finances as follows: As of 21 November 2003 the club had a year-to-date income of \$4,134.91 and expenses of \$3,573.44. Its assets included \$273.00 in cash and \$6,775.64 in Savings/Checking. Total assets, including the estimated value of club property, were \$11,198.64.

**NEW BUSINESS:**

Tom Baker announced that the course "Advanced Weather Spotter Training – 2004" would be offered by Skywarn and NOAA on Saturday March 13, 2004 at the Elkhart Central High School in Elkhart, Indiana. The course runs from 9:00 a.m. (registration starts at 8 a.m.) to 4:00 p.m. The fee for the course is \$25.00 until February 15th, \$30.00 thereafter.

Carole Burke noted that the annual Christmas banquet would occur at the Good Shepherd United Methodist Church on Friday, 12 December starting at 6:30 p.m. It will be a carry-in but the club will provide place settings, punch and coffee. Members are encouraged to participate in the gift exchange (valued at \$5.00, marked for a man or a woman).

Tom Baker noted that the January club meeting will be the annual electronics "stuff" auction, and the February event will be a joint Skywarn meeting with ACARTS. (ACARTS will host it at Turnstone).

Tom Baker reported that the ACARTS Hamfest made money even though attendance was down about 7% from last year, but that the vendor renewal rate was already 75% as of the closing of this year's event.

Al Bowman announced there would be a Breakfast and Planning session for Anthony Wayne Area Council (AWAC) Boy Scouts and adults relative to planning for ham radio activities for 1994. The planning session will occur at the Anthony Wayne Area Council offices, 8315

West Jefferson Blvd, Fort Wayne with breakfast at 8:00 am and the planning session from 8:30 to 10 am. Contact Al Bowman at 260-432-9593 if interested in attending.

Carl Rittenhouse noted that the final Foxhunt of the 2003 season had completed with another successful hunt. Jim Pliett was the fox and he hid it (buried it) in a field near his house out on Wappes Rd. near Churubusco. The antenna was a piece of thin wire threaded through a weed. Jim set up a 1.27 GHz FM ATV camera near the hide sight to observe the goings-on from the comfort of his shack. Following the hunt the participants feasted on chili and other delights out at Jim's place. The first hunt of the 2004 season will occur in February for sure, and possibly in January depending upon interest.

Bob Streeter announced that he would be e-mailing confirmation of 2004 club membership re-up's to members who have paid their 2004 dues and that have ARRL e-mail addresses.

Following the business meeting, attendees received a very interesting and informative presentation on railroad crossing safety entitled "Operation Lifesaver" from Norfolk Southern engineer John Olry.

Respectfully submitted,

Al Burke, WB9SSE

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## **Attention FWRC Members:**

As a new service to FWRC members, those who are also ARRL members and who additionally have activated their ARRL email forwarding service (yourcall@arrl.net) will receive e-mail confirmation of paid 2004 membership dues. You must include your "arrl.net" email address on your club membership renewal form for the treasurer to be aware that you should receive an email 2004 membership confirmation.

The treasurer will also add your "arrl.net" email address to a roster of members who will receive email notification of club events. If you do not want the email notifications (but do want the paid membership confirmation), you will have the opportunity to "opt out" of the email list for club events. With the ARRL email service, you can change your actual email address (your ISP) as often as you wish without affecting the club email list. You will be notified only of club events the treasurer is made aware of unless some other club officer takes over the email list.

Bob w8st

# STATE OF THE ARTS

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

## ACARTS Officers

### President

Vic Berko, KA9LTV  
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### Secretary

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### Treasurer

Howard Pletcher, N9ADS  
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## ACARTS Managers

**Activities**  
OPEN

### Emergency Preparedness

Dan Soper, KB9NGM  
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### W9INX Trustee

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### Tech Committee

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## President's Message



Another successful Hamfest is over until next year. I would like to thank everyone who volunteered to help. Without you the Hamfest would not be possible. We received many compliments from first time vendors, as well as many of our long time vendors. Our Hamfest is their favorite to come to. We also got a few complaints from vendors and first time public attendees. I guess we can't please everyone all the time, but we sure try. My major purchase at the Hamfest was a new mobile antenna. I got it from R&L, and it works great. It is called a JetStream, and is a dual band, 2m / 440 MHz. They had a special which included a 8 inch heavy duty mag mount for less than the price of the mag mount itself. The antenna works perfectly. It did not need any adjustment. With it connected to my Yeasu FT-1500, the SWR at all four power levels was about 1.2 to 1.

The election of officers for 2004 was held at our November general meeting. Since everyone running was unopposed, they were elected by acclamation. There are a few positions that were left open. At the writing of this message, the position of Secretary was still open. The position of Activities Manager was also still open. Since we once again have nobody to set up and manage the programs for our general meetings, the board really !!!!! needs your help. Tell us what you want to see or hear as a program. If you know some of interest, let us know, or contact them. If you your self have something of interest, volunteer to do a program. We get some complaints that if we had a program, more people would come to the meetings. Help us serve you better , give us some ideas.

A look ahead to some future activities. Remember that December 13, is our Christmas party. Read the article for details. We will have our annual SKYWARN Training at our February general meeting. It will be a joint meeting with our friends from FWRC, and this year it is our turn to be the host. For those who are interested in a Advanced Spotter Training class , check last

month's article in the newsletter for information. Our Spring banquet is in April.

Well, that's all for now, not much to write about as the deadline for the newsletter is near, and I have been busy at work getting ready for after Thanksgiving Sales, as well as trying to take care of some personal things in my family. See you at the Christmas party.

73,

Vic, KA9LTV



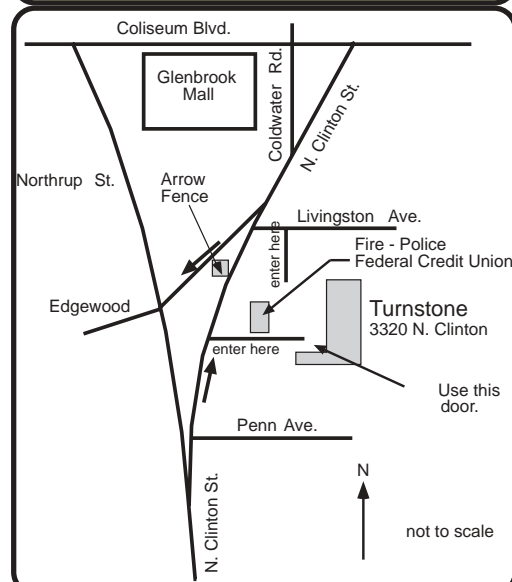
## Meeting Schedule

All meetings are at 7:30 PM at Turnstone unless otherwise noted.

**ACARTS General Meeting:** Dec. 13,  
6:30 PM: Christmas Party

**Next Board Meeting:** Dec. 9  
All members are encouraged to attend.

**Tech Committee:** no meeting this month







## FCC Reorganizes Wireless Telecommunications Bureau

from *The ARRL Letter* – The FCC has announced a reorganization of its Wireless Telecommunications Bureau (WTB) <<http://wireless.fcc.gov/>> “to more effectively support the FCC’s strategic goals—broadband, competition, spectrum, media, homeland security and modernizing the FCC.” The WTB administers the Amateur Radio Service (Part 97) and amateur licensing, but the changes are expected to be transparent to the amateur community. The Amateur Service now will be administered by the newly named Public Safety and Critical Infrastructure Division. D’wana Terry, formerly chief of the Public Safety and Private Wireless Division, will head the new division.

“The bureau’s portfolios have been redistributed along the lines of strategic goals, consolidating similar functions to focus resources better,” the FCC said in a November 24 public notice. As a result of the reorganization, which the FCC approved November 13, WTB expands from five to six divisions: Public Safety and Critical Infrastructure, Spectrum Management Resources and Technologies, Auctions and Spectrum Access, Spectrum and Competition Policy, Mobility, and Broadband.

In addition to the Amateur Service, the Public Safety and Critical Infrastructure Division will oversee Part 95, Marine, Aviation, Intelligent Transportation Systems, Public Safety Fixed Microwave, Public Safety and Private Land Mobile services and E911, among other areas. Responsibilities moved elsewhere include Fixed Microwave (Part 101), Instructional Television Fixed Service, the Multipoint Distribution Service, and the Multichannel Video Distribution and Data Service.

The action reduces the scope and size of WTB’s larger divisions and eliminates separate branches below the division level, while retaining their current functions. One of those was the Licensing and Technical Analysis Branch, headquartered in the FCC’s Gettysburg, Pennsylvania, office. Among other tasks, that branch has handled the granting and issuance of Amateur Radio licenses and the vanity call sign program. Another was the Policy and Rules Branch at FCC Headquarters, which has been the home of Bill Cross, W3TN, an FCC figure well-known within the amateur community. Among other tasks, that branch has handled Amateur Radio rule making petitions and Part 97 rules interpretations.

A potential plus of the new arrangement is that Cross now will work under another amateur licensee, Mike Wilhelm, WS6BR, who will report to Terry.

The FCC said eliminating branches would promote greater management flexibility in deploying resources and lead to a flatter, more flexible organization without altering the bureau’s overall mission. The Commission said it was able to carry out the reorganization by redeploying existing positions.

WTB Chief John Muleta said the reorganization will result in “a mission-driven team that will be innovative in its approach to regulatory policies and customer service.”

## November 2003 ACARTS General Meeting Minutes



The meeting was called to order by Vic, KA9LTV.

The election of club officers & managers for 2004 was the main item of business. Vic announced that all officers with the exception of club secretary Kevin, KC9BUR, had agreed to run for another term. The floor was opened for nominations. No other names were presented for nomination and no one present volunteered for an open position. The nominations were closed and Doug, N9NNT, made a motion to accept the slate as presented. It was seconded by Howard, N9ADS. The slate of officers was passed by a voice vote.

The officers and managers elected for 2004 are President Vic Berko, KA9LTV; Vice President Dave Lindquist, W9LKH; Treasurer Howard Pletcher, N9ADS; Communications Manager Vic Guess, WB9UZA; Emergency Preparedness Manager Dan Soper, KB9NGM; Station Manager Doug Jones, N9NNT; Fundraising Manager Jim Boyer, KB9IH; Tech Committee Chairman Emery McClendon, KB9IBW. The office of Secretary and Activities Manager positions are still open.

Vic, KA9LTV, stated that Turnstone needs the equipment cabinets removed by the end of October. Doug, N9NNT, said that he would pick them up by the end of the week.

Vic announced that the Christmas Party is scheduled for Saturday, December 13, at Turnstone, gathering at 6:00 p.m. and eating at 6:30 p.m.

After refreshments, Jim, KB9IH, reported on the Hamfest. Ticket sales by the Coliseum ticket office were down by a couple of hundred over the 2002 Hamfest. There were no major problems and the Coliseum staff responded well when asked. Most vendors stated that they were happy with their sales.

A discussion as to the future of the shuttle between the Hamfest, Glenbrook Square, and Smith Field was held. It has had little use over the past few years and the low usage may not justify the cost. The high cost of pop, coffee, and donuts for Hamfest workers was also discussed. No decisions were made on either topic.

Dan, KB9NGM, reported that the forums went well and that attendance was good at most of them.

The Hamfest workers drawing was held.

The meeting was adjourned at 9:15 p.m.

Submitted by Dave Lindquist, W9LKH



**Ft Wayne DX Association**

## **Running Your Own Propagation Predictions**

### **Part 2 - Running a Prediction**

#### **Carl Luetzelschwab K9LA**

Last month's column went through entering the proper data into the Options menu in W6ELProp. With that task done, we're ready to run a prediction. You've probably done this anyway since last month, so more than likely this will be a refresher that will clear up any questionable issues.

Start W6ELProp and click on the Predictions menu. Then select On-Screen. Hit "enter", and the default call, latitude, and longitude that you entered last month should show up on the left side of the window as Terminal A. For this example, my default data will be used.

Let's run a prediction to Argentina. If you don't know the prefix, click on Select from Atlas and select Search by Name. Scroll down until you see Argentina. Highlight it, then click OK. The prefix, the latitude, the longitude, and the name should show up as Terminal B. For a Date, let's go with December 15, 2003, which is typed in using the format MM/DD/YY.

For Solar Index, we selected Sunspot Number as the Primary Solar Index last month. The smoothed sunspot number should be entered here. Since the smoothed sunspot number is a 13-month running average centered on the desired month, the official smoothed sunspot number is 7 months behind real time. So how do we find the predicted smoothed sunspot number for December 2003 (or for any future month)? One method is to go to [sec.noaa.gov/ftpdir/weekly/Predict.txt](http://sec.noaa.gov/ftpdir/weekly/Predict.txt) and use the value in the left-most column (which is the PREDICTED smoothed sunspot number). From that table, we'll enter 47 for the Solar Index. Note that the data on that website also has smoothed solar flux. So if we had chosen Solar Flux as our Primary Solar Index, we could have entered a smoothed solar flux of 99.

Why should we use the smoothed sunspot number (or smoothed solar flux) and not the daily solar flux? To develop the model for our propagation predictions, solar data was compared to ionospheric parameters. The best correlation was between the smoothed sunspot number (or smoothed solar flux) and monthly median ionospheric parameters. Thus the model was

designed to take a smoothed solar index. The 'monthly median' aspect means that our predictions are statistical in nature. We'll get into that a little bit later.

For the K Index, enter -1, which indicates the predictions will be for an average K index.

Now click on OK. After a couple seconds, you should see data specific to the chosen path - the latitude and longitude of both terminals, sunrise and sunset at both terminals, the bearings, and the short and long path lengths. Click on Show Predictions and you should have a screen full of data - like that in the accompanying figure.

One of the obvious features of that figure is the "funnel effect". As we go lower in frequency, the times are more restricted. Likewise, as we go higher in frequency, the times are again more restricted. This is because absorption drives the low bands so they're best only during the night, whereas ionization drives the high bands so they're best during the day.

The first column in the figure is the time in UTC. The second column is the monthly median MUF. Remember when I said our predictions are statistical in nature? What this means is that the actual MUF is predicted to be at least as high as the monthly median MUF on half the days of the month. For example, at 1700 UTC, the actual MUF on half the days of the month will be at least 29.7 MHz. On the other half of the days of the month the actual MUF will be lower than 29.7 MHz. The big problem is we don't know which are the "good" days and which are the "bad" days.

Each frequency column has two entries - a number and a letter. The number is the predicted monthly median signal strength in dB above 0.5μV. Assuming S9 is 50μV and an S-unit is 5dB (the generally accepted standard), 0 is S1, 10 is S3, 20 is S5, 30 is S7, 40 is S9, and 50 is 10 over S9.

The letters A, B, C, and D refer to the probability (in terms of the number of days of the month) that the desired frequency is below the predicted monthly median MUF. This probability is called Availability. W6ELProp puts Availability into four categories, and the definitions of the limits for each category are at the bottom of the page. For example, the 28.3 MHz column at 1530 UTC shows a C. This means 10m should be open on 8 to 16 days of the month (25% to

**Continued on page 7**

Continued from page 6

50%). To reiterate, we don't know which specific days these will be. From 1600 to 1900 UTC the probability increases to 16 to 24 days of the month (B = 50% to 75%), with a signal level of about S8.

That's it for a basic introduction to W6ELProp. The best thing to do is to dive in and run predictions - I'm

sure you'll become familiar with it. For more details, go to Help and then Contents. There's lots of good information there. Have fun playing with all the features of W6ELProp. The end result should be more DX success. Good luck!

If you'd like a pdf file of Parts 1 and 2 combined, send me an e-mail at k9la@arrl.net and I'll send you a 105K file

## W6ELProp Short-Path Prediction for 12/15/2003

TERMINAL A: 41.00 N 85.40 W K9LA

Sunrise/Set: 1302/2212 UTC Bearing to B: 160.3 deg

TERMINAL B: 36.50 S 61.00 W Argentina

Sunrise/Set: 0847/2311 UTC Bearing to A: 341.6 deg

SSN: 47.0 Flux: 103.2 K: Average

Path Length: 8970 km

		SIGNAL LEVELS IN dB ABOVE 0.5 µV							
UTC	MUF	3.7 MHz	7.1 MHz	10.1 MHz	14.2 MHz	18.1 MHz	21.2 MHz	24.9 MHz	28.3 MHz
0000	12.3	51 A	48 A	45 A	48 D				
0030	11.1	51 A	48 A	45 B	48 D				
0100	10.8	40 A	48 A	45 B	48 D				
0130	10.5	53 A	48 A	45 B	48 D				
0200	10.4	53 A	48 A	45 B	48 D				
0230	10.4	53 A	48 A	45 B	48 D				
0300	10.5	53 A	48 A	45 B	48 D				
0330	10.6	53 A	48 A	45 B	48 D				
0400	10.8	53 A	48 A	45 B	48 D				
0430	10.4	53 A	48 A	45 B	48 D				
0500	10.7	53 A	48 A	45 B	48 D				
0530	11.0	53 A	48 A	45 B	48 D				
0600	11.0	53 A	48 A	45 B	48 D				
0630	11.1	53 A	48 A	45 A	48 D				
0700	11.3	53 A	48 A	45 A	48 D				
0730	11.5	53 A	48 A	45 A	48 D				
0800	11.6	53 A	48 A	45 A	48 D				
0830	11.8	57 A	47 A	45 A	48 D				
0900	11.1	50 A	46 A	44 B	48 D				
0930	10.6	29 A	47 A	43 B	47 D				
1000	10.6	24 A	30 A	45 B	46 D				
1030	11.4	5 A	7 D	27 C	44 D				
1100	12.0		21 A	24 B	43 D				
1130	13.1			26 A					
1200	14.2			6 D					
1230	16.4			2 C	33 A				
1300	17.3			1 A	20 C	31 D			
1330	20.2				18 A	30 A	37 C	28 D	
1400	22.6				16 A	29 A	36 B	27 D	
1430	24.7				15 B	28 A	36 A	27 C	37 D
1500	26.5				14 A	25 A	35 A	26 B	37 D
1530	27.9				13 A	12 A	35 A	26 A	36 C
1600	28.9				12 A	12 A	35 A	26 A	36 B
1630	29.5				12 A	12 A	34 A	26 A	36 B
1700	29.7				12 A	12 A	34 A	26 A	36 B
1730	29.7				12 A	12 A	35 A	26 A	36 B
1800	29.5				13 A	27 A	35 A	26 A	36 B
1830	29.0				14 A	28 A	35 A	26 A	37 B
1900	28.4				15 A	28 A	36 A	27 A	37 B
1930	27.5				18 A	29 A	37 A	27 A	37 C
2000	26.2				20 A	30 A	37 A	28 B	38 D
2030	24.7			1 A	20 A	31 A	38 A	28 C	38 D
2100	23.0			7 A	22 A	33 A	39 A	29 D	39 D
2130	21.0			14 A	39 A	34 A	40 C	30 D	
2200	19.5		6 A	18 A	41 A	35 A	41 D		
2230	17.5		20 A	22 A	43 A	37 C	42 D		
2300	16.0	19 A	34 A	41 A	46 A	38 D			
2330	14.2	44 A	32 A	44 A	48 B	40 D			

Availabilities A: 75 - 100% B: 50 - 75% C: 25 - 50% D: 1 - 25%

Signal levels suppressed if below 0 dB relative to 0.5 µV or if predicted availability is zero



## Fort Wayne Hamfest Memories







## For Sale & Wanted

For Sale from FWRC:

- Hy-Gain TH-4 tribander. Decent condition, on ground,

needs new clamps.

- CushCraft 5 element 6-meter beam. Cut for 50.110 MHz. Very good condition, on ground.

STEVE NARDIN, WB9ZIIY, 260-483-4039 FORT WAYNE

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For Sale: Estate of K9CR

1) Kenwood TM-733A Dual Band FM Mobile (fixed operation with external power supply available below) 144 MHz (50 watts) and 440 MHz (35 watts), selectable RF power output levels, detachable front panel, includes multifunction DTMF MC-45DM microphone, VHF+VHF, UHF+UHF, VHF+UHF, dual ext. spkr. outputs, data connector for packet operation, dual RF connections (ext. diplexer included for dual band antenna use), noise/auto/carrier squelch functions, 70 memory channels, call channel, programmable memory, automatic repeater offsets, automatic simplex checking, repeater tone access, 7 scan modes, automatic band change, advanced intercept point, mute, lock, automatic power off, display dimmer, display demo mode, remote control, Dual Tone Squelch System, DTMF Paging modes, tone alert. Includes external diplexer for single coax feed to dual band antenna. SN 51202591. \$300.

2) Pyramid PS-21K 13.8 volt 20 amp power supply - for fixed station operation of TM-733A. \$80.

Contact Bob Streeter, W8ST, 672-9737, w8st@arrl.net

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Wanted: Looking for a Icom IC-W32A or an Icom IC-T7H good condition and ready to use. Contact information: Wes Keisler, KB9YWI, smallkeis26@msn.com

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Wanted: Looking for tube-type amateur radio gear (receivers, transmitters, accessories) for a budding collection.

As long as all main components are there, electrical condition is not too important - - - but, must be in nice enough condition cosmetically to warrant restoration. Not interested in military gear, and must be of US manufacture. Ron Hensel, K9ZE, Roanoke, Indiana, 672-8989, k9ze@aol.com

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For Sale:

• Computer equipment: Adaptek AHA-2930CU PCI bus SCSI interface card, Yamaha CRW4416 CD-RW drive, a NEC CD-3010A/DL CD ROM drive and MGI VideoWaveII software. Complete package: \$40.

• Kids Software: The even more Incredible Machine - \$3, The Incredible Toon Machine - \$3, Science Sleuths 2 - \$3, Where in the USA is Carmen Sandiego - \$3

Contact: Don Gagnon, WB8HQS at dongagnon@comcast.net

**NOTE:** For Sale & Wanted items will be listed for 2 months only unless the ad is resubmitted. If you sell an item the first month, please contact the editor so the item can be removed.

## Regional Hamfests

<u>Date</u>	<u>Location</u>	<u>Contact Phone</u>	<u>URL or E-mail</u>
7 Dec 2003	Harrison Twp., MI	586-465-2797	<a href="http://www.n8lc.org">http://www.n8lc.org</a>
14 Dec 2003	Greenfield, IN	317-326-1659	<a href="http://www.w9atg.org">http://www.w9atg.org</a>
3 Jan 2004	Lowell, MI	616-897-4125	<a href="mailto:AEckman@lowell.k12.mi.us">AEckman@lowell.k12.mi.us</a>
10 Jan 2004	Middletown, OH	513-385-8363	<a href="http://www.swohdigi.org">http://www.swohdigi.org</a>
17 Jan 2004	Flushing, MI	810-233-7889	<a href="http://www.arayclub.org">http://www.arayclub.org</a>
18 Jan 2004	Hazel Park, MI	248-642-3608	<a href="http://www.qsl.net/w8hp">http://www.qsl.net/w8hp</a>

For more complete information go to <http://www.acarts.com/hamfests.htm> or <http://www.arrl.org/hamfests.html#listing>



## Test Points

29-Nov-2003

Sponsor: W5YI-VEC — WHITLEY COUNTY ARC

Time: 9:00 AM (Walk-ins allowed)

Contact: ROGER L MC ENTARFER

(219)691-3009

Email: N9QCL@ARRL.NET

VEC: W5YI VEC

Location:

BASEMENT MEETING ROOM

101 W MARKET ST - SUITE C

WHITLEY COUNTY JAIL

COLUMBIA CITY, IN 46725

24-Jan-2004

Sponsor: UNSPONSORED

Time: 2:00 PM (No walk-ins)

Contact: WALTER C VOGEL

(419)394-2976

Email: AWVOGEL@BRIGHT.NET

VEC: ARRL/VEC

Location: VAN WERT COUNTY EMA OFFICE

1220 LINCOLN HWY

VAN WERT, OH 45891

27-Mar-2004

Sponsor: UNSPONSORED

Time: 2:00 PM (No walk-ins)

Contact: WALTER C VOGEL

(419)394-2976

Email: AWVOGEL@BRIGHT.NET

VEC: ARRL/VEC

Location: VAN WERT COUNTY EMA OFFICE

1220 LINCOLN HWY

VAN WERT, OH 45891

## AWAC RADIO CLUB Adults & Scouts

**Planning Next Year !! Need your help !! Your presence is needed !! Bring a friend !!**

Get your ideas ready to share. Bring your JOTA and other pictures and success stories to share.

BREAKFAST and Planning session:

January 31, 2004 (Saturday)

Breakfast at 8:00 AM,

Planning session to follow breakfast

8:30 -10 AM.

At Anthony Wayne Area Council offices,

8315 West Jefferson Blvd. Fort Wayne,

IN 46804.

Request that you make a reservation for breakfast by email to [abowman@awac.org](mailto:abowman@awac.org) (or call 260-432-9593). Request a minimum donation \$5.00 at the door for breakfast (Scouts interested in radio eat free with reservation). See Website [www.awac.org](http://www.awac.org) <<http://www.awac.org>> for directions to council office location or call Al at 260-432-9593.

Topics to think about:

Camporee events

Summer Camp events

Radio Merit Badge

Community events

Emergency preparedness

Field Days

Jamboree On The Air (JOTA)

Ft. Wayne Hamfest (AWAC Radio Club

booth 2004)

Training opportunities

other?

Members of Adult Amateur Radio Clubs are encouraged to Attend!

In appreciation of your help,  
Al Bowman KC9APT



## Advanced Storm Spotter Training-2004 - Howard Pletcher, N9ADS

There will be an Advanced Skywarn Spotter Training Class at Elkhart Central High School on Saturday, March 13, 2004. The theme this year is "Better Tools for Weather Spotting". One of the 4 speakers will be Roger Edwards from the Storm Prediction Center in Norman, OK. Generally, the session will be organized much the same as the 2003 session with different speakers. Registration is be \$25.00 in advance thru March 15 and \$30.00 after that.

Registration includes lunch. Registration forms are available at <<http://www.imoskywarn.org/>> (a new website under construction—the only active thing there is the link to the form) or contact N9ADS.

## ECHO LINK Info

ECHO LINK NODE:

maintained by: KB9RLW

Simplex Frequency: 145.700 FM only

Node number: 16686

Random connection: dial "00"

Hang up or disconnect: dial "#"

Identify: dial "\*"

## Membership Application for ☐ FWRC - and/or - ☐ ACARTS

Name: \_\_\_\_\_ Call sign: \_\_\_\_\_ License class: \_\_\_\_\_

Street address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_ -<sup>4</sup> \_\_\_\_\_ Phone #: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Unlisted? ☐ Yes

Email address: \_\_\_\_\_ ARRL Member? ☐ Yes

May we list your name, call & email address in our membership roster and on our club web site? ☐ Yes ☐ No

Both clubs now offer this newsletter as a downloadable (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. For FWRC a mailed paper newsletter is a \$6.00/yr. premium.

How would you like your newsletter delivered? ☐ by snail mail ☐ download from web site.

### Fort Wayne Radio Club Dues

Regular membership ☐ \$15.00 / year  
 Family membership <sup>1</sup> ☐ \$21.00 / year  
 Student membership <sup>2</sup> ☐ \$6.00 / year  
 Associate membership <sup>3</sup> ☐ \$15.00 / year  
 Mailed newsletter ☐ \$6.00 / year

(Memberships for Jul - Dec are 1/2 the stated amounts.)

### A.C.A.R.T.S. Dues

Regular membership ☐ \$12.00 / year  
 Additional family members <sup>1</sup> ☐ \$6.00 / year  
 Student membership <sup>2</sup> ☐ \$6.00 / year  
 Associate membership <sup>3</sup> ☐ \$6.00 / year

(New Regular memberships are \$1/month)

1. Please list all names and calls on an attached sheet.

2. K-12 or full time student

3. unlicensed member

4. 9 digit ZIP code required for US bulk mail

Please attach a check (number \_\_\_\_\_) for the appropriate amount and bring to a club meeting or mail to:

Fort Wayne Radio Club  
 PO Box 15127  
 Fort Wayne, IN 46885

A.C.A.R.T.S.  
 PO Box 10342  
 Fort Wayne, IN 46851

For dual membership, fill out both sides and send 2 checks to either club. **Payment by check is strongly encouraged!**

### **ACARTS Voice Repeaters**

146.880 (-) General use / Skywarn priority  
 147.255 (+) General use / Autopatch priority\*  
 443.800 (+) General use

(All repeaters have autopatch, but 88 has only speed dial emergency #'s.)

### **ACARTS Digital Repeaters (digipeaters)**

144.390 (s) APRS - wide\*  
 145.010 (s) General use, NETROM (FWA) - wide\*  
 223.660 (s) BBS use ONLY NETROM (FWA220) - wide\*  
 \* – temporarily out of service

### **Fort Wayne Radio Club Repeaters**

Voice: 146.76 (-) General use  
 146.94 (-) General use with autopatch  
 146.91 (-) Autopatch only  
 444.875 (+) General use  
 ATV: 439.25 In, 910.250 Out, 144.340 Audio & control

### **Area Traffic Nets**

(please submit any changes or corrections to the editor)

**IMO:** meets nightly at 6:30 p.m. (2330 UTC) on 146.88  
**Auburn:** meets Mon., Tue., Wed., Thur., Fri., & Sat. at 6 p.m.  
 (2300 UTC) on 147.36(+)

**21 Repeater Group:** meets each Wednesday at 9 p.m. (0200 UTC) on 147.150

**Helping Hands Net:** Mondays @ 9:00 p.m. 146.94(-)

### **Miscellaneous Nets**

**Huntington ARES:** Saturday at 8:00 p.m. (0100 UTC) on 146.685

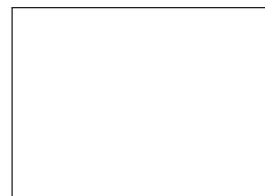
**Whitley Co. / ARES:** Wednesdays at 7:15 p.m. (0015 UTC) on 145.270 (Note 131.8 PL disabled for all nets)

**Whitley Co. Sunday:** Sundays at 7:45 p.m. (0045 UTC) on 444.550 +. (The 146.460 simplex crossbanding from both nets has been dropped.)

**Six Meter AM net (informal):** Every Saturday night at 7:00 p.m. and Sunday at 8:30 p.m. on 50.580 MHz .



Allen County HamNews  
PO BOX 10342  
FORT WAYNE, IN 46851



TO:



### Activities Calendar



Date	Time	Event	Place
12/9/03	7:30 PM	ACARTS Board Meeting	Turnstone Center
12/12/03	6:30 PM	FWRC Christmas Banquet	GSUMC
12/13/03	6:30 PM	ACARTS Christmas Party	Turnstone Center
1/2/04		deadline for Jan. ACHN items	
1/6/04	7:00 PM	FWRC Board Meeting	GSUMC
1/13/04	7:30 PM	ACARTS Board Meeting	Turnstone Center
1/16/04	7:30 PM	FWRC General Meeting -Auction	GSUMC
1/20/04	7:30 PM	ACARTS General Meeting	Turnstone Center
2/7/04		deadline for Feb. ACHN items	
2/10/04	7:00 PM	FWRC Board Meeting	GSUMC
2/10/04	7:30 PM	ACARTS Board Meeting	Turnstone Center